



Full Spectrum 2:1 CBD+CBG 70mg

Sample ID: G3F0451-01

Matrix: Hemp Products

Test ID: 5028523

Source ID:

Date Sampled: 06/27/23

Date Accepted: 06/27/23

Flora Sophia Botanicals, LLC
joannaf@florasophiabotanicals.com

Primary and Duplicate Results at a Glance

	Averaged	Primary	Duplicate	%RPD (10% Action Level)
Total THC:	0.1928 %	0.1914 %	0.1941 %	1.4 % PASS
Total CBD:	5.627 %	5.616 %	5.637 %	0.373 % PASS
Total CBG:	2.096 %	2.092 %	2.100 %	



**ISO 17025
ACCREDITED
LABORATORY**

Eric Wendt
Chief Science Officer - 6/30/2023

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Potency Analysis by HPLC

Date/Time Extracted: 06/29/23 10:45

Analysis Method/SOP: 215

Batch Identification: 2326052

Cannabinoids	LOQ (%)	mg/g	Cannabinoids Profile	
Total THC	0.0040	1.914		
Total CBD	0.0040	56.16		
Total CBG	0.1101	20.92		
THCA	0.0040	< LOQ		
delta 9-THC	0.0040	1.914		
delta 8-THC	0.1527	< LOQ		
THCV	0.1192	< LOQ		
THCVA	0.1784	< LOQ		
CBD	0.0040	56.16		
CBDA	0.0040	< LOQ		
CBDV	0.1226	< LOQ		
CBDVA	0.1684	< LOQ		
CBN	0.1101	< LOQ		
CBG	0.1281	20.92		
CBGA	0.1698	< LOQ		
CBC	0.1607	2.874		

Total THC = delta 9-THC + (THCA * 0.877)

Total CBD = CBD + (CBDA * 0.877)

Total CBG = CBG + (CBGA * 0.878)

LOQ=Limit of Quantification, the lowest measurable concentration of an analyte.



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Quality Control Potency

Batch: 2326052 - 215-Products

Blank(2326052-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.0040	%		06/29/23 10:45	06/29/23 18:08	
delta 9-THC	< LOQ	0.0040	%		06/29/23 10:45	06/29/23 18:08	
delta 8-THC	< LOQ	0.1535	%		06/29/23 10:45	06/29/23 18:08	
THCV	< LOQ	0.1197	%		06/29/23 10:45	06/29/23 18:08	
THCVA	< LOQ	0.1792	%		06/29/23 10:45	06/29/23 18:08	
CBD	< LOQ	0.0040	%		06/29/23 10:45	06/29/23 18:08	
CBDA	< LOQ	0.0040	%		06/29/23 10:45	06/29/23 18:08	
CBDV	< LOQ	0.1232	%		06/29/23 10:45	06/29/23 18:08	
CBDVA	< LOQ	0.1692	%		06/29/23 10:45	06/29/23 18:08	
CBN	< LOQ	0.1107	%		06/29/23 10:45	06/29/23 18:08	
CBG	< LOQ	0.1287	%		06/29/23 10:45	06/29/23 18:08	
CBGA	< LOQ	0.1706	%		06/29/23 10:45	06/29/23 18:08	
CBC	< LOQ	0.1615	%		06/29/23 10:45	06/29/23 18:08	

Reference(2326052-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	90.1	0.0098	%	90-110	06/29/23 10:45	06/29/23 18:31	
delta 9-THC	101	0.0098	%	90-110	06/29/23 10:45	06/29/23 18:31	
delta 8-THC	95.0	0.3775	%	90-110	06/29/23 10:45	06/29/23 18:31	
CBD	95.2	0.0098	%	90-110	06/29/23 10:45	06/29/23 18:31	
CBDA	94.8	0.0098	%	90-110	06/29/23 10:45	06/29/23 18:31	



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Notes and Definitions

Regulatory Compliance samples were collected onsite at facility according to ORELAP-SOP-001 and ORELAP-SOP-002 and following Sampling Plan FN117. Quality Control samples were tested as received. Results do not include uncertainty of measurements. Available upon request.

- ATM Non-cannabis matrix related interference or suppression of Internal standard
 - BLI Baseline Interference - Cannabinoid peak interference in chromatographic baseline affecting QC recovery .
 - BLK Analyte detected in method blank, but not associated samples.
 - BSH Blank Spike High - Blank Spike recovery above method limit. no detections in samples.
 - BSL Blank Spike Low - Blank Spike recovery below lower method limit, analyte chromatography reviewed manually for all samples.
 - C Interference due to co-elution
 - CBD Interference due to co-elution
 - CV1 CBD matrix interference on GC Pest chromatography
 - CV2 CCV was above acceptance criteria, Non-detect samples are considered acceptable.
 - INF CCV was below acceptance criteria, sample still exceeds regulatory limit.
 - ISH One or more QC falls outside acceptance criteria. Data entered into LIMS for informational purposes only.
 - ISL Internal Standard concentration is above acceptance criteria.
 - MSH Internal Standard concentration is below acceptance criteria.
 - MSI Matrix Spike High - Matrix Spike recovery above method limits.
 - MSL Matrix Spike Interference - Matrix spike source sample contains analyte hit above calibration affecting recovery accuracy in Matrix Spike.
 - TPP recovery accuracy in Matrix Spike.
 - U Matrix Spike Low - Matrix Spike recovery below lower method limit, analyte chromatography reviewed manually for all samples.
- Internal Standard concentration outside control limit due to matrix interference



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